	Application No.	Applicant(s)	
Notice of Allowability	09/675,197	PIERRAT ET AL.	
	Examiner	Art Unit	
	Leigh Marie Garbowski	2825	1.7
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGORY of the Office or upon petition by the applicant. See 37 CFR 1.313 1. This communication is responsive to	ars on the cover sheet with the COR REMAINS) CLOSED in this or other appropriate communication is subjection is subjection.	ne correspondence address s application. If not included ation will be mailed in due course	
2. The allowed claim(s) is/are 9-41 and 58-60.			
3. The drawings filed on 29 September 2000 are accepted by	the Examiner.		
 4. Acknowledgment is made of a claim for foreign priority un a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	been received. been received in Application No	D	om the
Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		eply complying with the requirem	nents
5. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give			E OF
 CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftsperso 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.1 each sheet. Replacement sheet(s) should be labeled as such in the 	on's Patent Drawing Review (P Amendment / Comment or in the 84(c)) should be written on the die he header according to 37 CFR 1.	ne Office action of awings in the front (not the back) 121(d).	
 DEPOSIT OF and/or INFORMATION about the depose attached Examiner's comment regarding REQUIREMENT F 			ne
 Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date (16 sheets) 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	6. ☐ Interview Summ Paper No./Mail 3), 7. ☑ Examiner's Ame		

Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- Claims 1-8, drawn to a method of correcting for proximity effects in a
 layout including a first layout for a trim mask and a second layout for a
 phase-shifting mask, classified in class 716, subclass 21.
- II. Claims 9-41 and 58-60, drawn to a method of correcting for proximity effects associated with an edge and a mask for fabricating therefrom, classified in class 716, subclass 19.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because halo distance and proximity effects model are not required. The subcombination has separate utility such as for a single photomask.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

During a telephone conversation with Jeanette S. Harms on 03/11/2004 a provisional election was made without traverse to prosecute the invention of Group I.

claims 9-41 and 58-60. Affirmation of this election must be made by applicant in replying to this Office action. Claims 1-8 are withdrawn from further consideration by the examiner, 37 CFR 1.142(b), as being drawn to a non-elected invention.

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

EXAMINER'S AMENDMENT

This application is in condition for allowance except for the presence of claims 1 to 8 non-elected without traverse. Accordingly, claims 1-8 have been cancelled.

Allowable Subject Matter

Claims 9-41 and 58-60 are allowed.

The following is an examiner's statement of reasons for allowance: as per claims 9-41 and 59-60, the prior art of record does not disclose or teach a method of correcting for proximity effects associated with an edge, particularly comprising establishing a projection point based upon halo distance as expressly described in combination with the dividing and determining steps recited, including a mask for fabricating a printed features layer as recited; and as per claim 58, the prior art of record does not disclose or suggest a mask for fabricating a printed features layer, particularly comprising correction distances based on analysis of amplitudes output by a proximity effects model as expressly described in combination with the segments as recited.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leigh Marie Garbowski whose telephone number is 571-272-1893. The examiner can normally be reached on days.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Smith can be reached on 571-272-1907. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LEIGH M. GARBOWSKI PRIMARY EXAMINER